



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090155-B

**Mode:** Highway

**Status:** Submitted

### NC-191

**From/Cross Street:** SR 1381 (Mountain Road)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** NC 280

**Project Category:** Regional Impact

**Length:** 4.43

**TIP#:** R-2588B

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$50,202,000

#### Description:

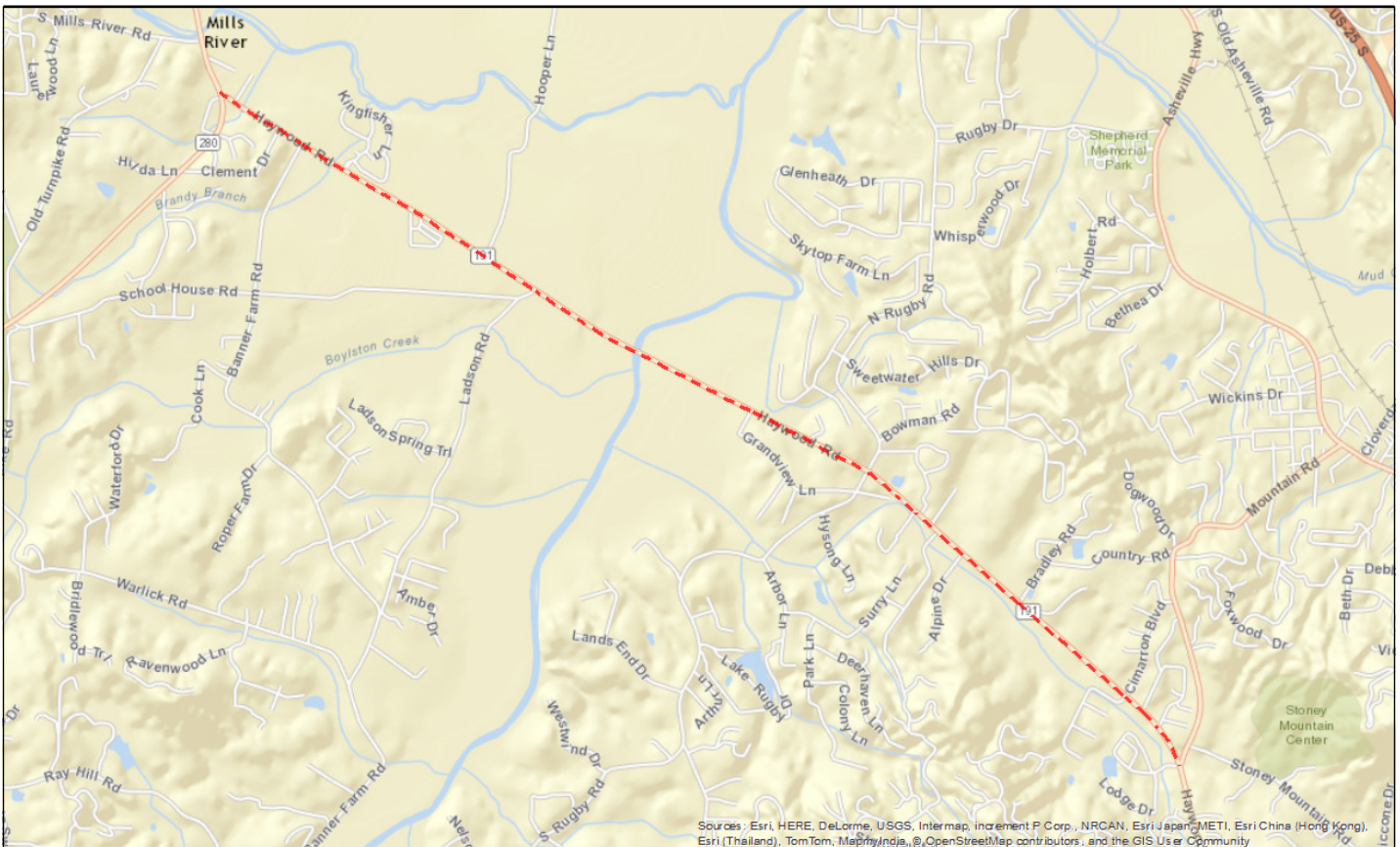
US 25 in Hendersonville to NC 280 South of Mills River. Widen to Multi-Lanes. Section B: SR 1381 (Mountain Road) to NC 280.

**Division(s):** Division 14

**County(s):** HENDERSON

**MPOS(s)/RPO(s):** French Broad River MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 51.98**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 46.39	Percent: 15%	Percent: 15%
Safety (10%) 65.75	Points: 100	Points: 100
[Travel Time] Benefit/Cost (25%) 4.13		
Accessibility / Connectivity (10%) 27.79		
<b>Totals: Weight: 70% Weighted Score: 21.98</b>		

**Division Needs Total Score: 16.68**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 46.39	Percent: 25%	Percent: 25%
Safety (10%) 65.75	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 4.13		
<b>Totals: Weight: 50% Weighted Score: 16.68</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	4.43
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	11052.38
Capacity:	15800
Volume/Capacity Ratio:	0.7
% Autos:	95%
% Trucks:	5%
Truck Volume:	498.55
Crash Density:	75.58
Crash Severity:	70.35
Critical Crash Rate:	51.33
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	70
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	4.43
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	9252601.88
Travel Time Savings for 30 Years (Autos):	8835235.13
Travel Time Savings for 30 Years (Trucks):	417366.75
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 14	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$45,144,000	TIP Unit
Right-of-Way Cost:	\$4,516,000	Cost Estimation Tool
Utilities Cost:	\$542,000	Cost Estimation Tool
Total Project Cost:	\$50,202,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$50,202,000</b>	